

ARMOUR ROAD
MISSOURI
EPA ID# MOD046750253

EPA Region 7
City: North Kansas City
County: Clay County
Other Names:



SITE DESCRIPTION

The Armour Road site is located in North Kansas City, Missouri, at 2251 Armour Road in Clay County. The site is currently inactive and consists of a 25,000 square foot building and a mostly paved lot located on approximately 1.8 acres in a highly commercialized/industrialized area of the City. The site was used for herbicide mixing and blending operations between 1948 and 1986. Herbicides were produced at the site for use by the railroad industry to eliminate or control vegetation along railroad tracks. Three companies blended or handled herbicides at this location: Reade Manufacturing Company, Inc. (Reade); U.S. Borax, Inc.; and Habco, Inc. During the Reade operation (1948-1963), raw materials were generally transported to the site in railroad cars where they were mixed in above and below ground tanks to produce various herbicide blends. U.S. Borax (1963-1968) leased the property from Reade and continued essentially the same operation. Raw materials used on site between 1948 and 1968 included powdered arsenic (95% pure), caustic soda, chlorates, sodium chlorate, borax, 2,4-D, pentachlorophenol, and fuel oil.

Site Responsibility:

The site is being addressed through the actions of potentially responsible parties, with oversight by EPA and the Missouri Department of Natural Resources.

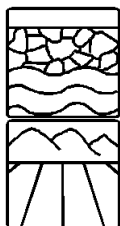
NPL LISTING HISTORY

Proposed Date: 01/19/99

Final Date: 05/10/99

Deleted Date:

THREATS AND CONTAMINANTS



Habco, Inc. purchased the property from Reade in 1968 and changed the operation from manufacturing herbicides to largely a repackaging operation whereby bulk containers of raw materials were repackaged into smaller 5, 10, and 30-gallon containers for blending in the field. Habco, Inc. reportedly used monosodium methyl arsenate (MSMA), sodium chlorate, sodium metaborate, Telvar, and Karmax DRUG FREE Herbicide. Water soluble materials such as 2,4-D and 2,4,5-T were blended on site. In 1986, the site became inactive when Habco, Inc. sold the site to the K.C. 1986 Limited Partnership.

CLEANUP APPROACH

Response Action Status

In 1996, EPA installed a fence around the site and laid fabric and crushed rock over exposed portions of the site in an effort to mitigate human health risks in the short term. In 1997, EPA entered into a Consent Decree with U.S. Borax to conduct an engineering evaluation/cost analysis, the purpose of which is to devise a longer term cleanup strategy for contaminated media at the site.

Site Facts:

ENVIRONMENTAL PROGRESS



Treatment and disposal alternatives for contaminated soil are under continued review and study. In 1999, EPA entered into a risk-sharing agreement with U.S. Borax to perform treatability tests for an innovative technology (electrokinetics). The first phase of the electrokinetic bench-scale test was completed in mid-1999. The second phase of testing was completed by late 2000. Additional field work will be conducted in mid-2001 to complete the information gathering needed to support the engineering evaluation cost analysis.

SITE REPOSITORY



North Kansas City Library
715 E. 23rd Ave.
North Kansas City, MO 64116

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

Dave Williams

E-MAIL ADDRESS:

Williams.Dave@epa.gov
(913) 551-7625

COMMUNITY INVOLVEMENT

COORDINATOR:

PHONE NUMBER:

PUBLIC INFORMATION CENTER:

E-MAIL ADDRESS:

STATE CONTACT:

Pia Capell

PHONE NUMBER:

573-751-2115

MISCELLANEOUS INFORMATION

STATE:

MO
07WS

CONGRESSIONAL DISTRICT:

06

EPA ORGANIZATION:

SFD-

MODIFICATIONS